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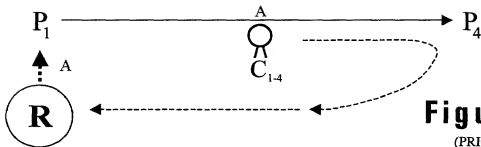


Figure 1
(PRIOR ART)

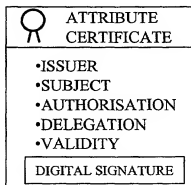
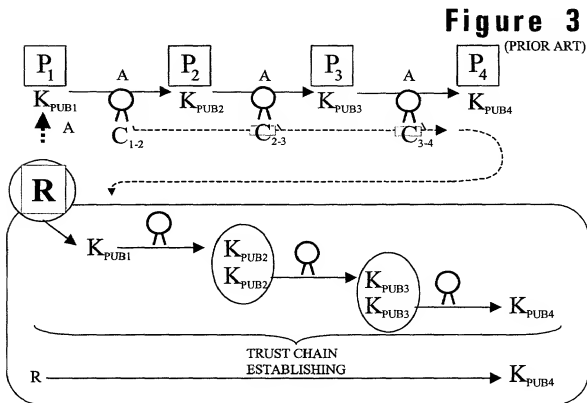


Figure 2
(PRIOR ART)



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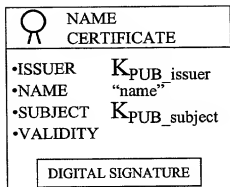


Figure 4
(PRIOR ART)

$$K_{PUB_issuer} \cdot \text{"name"} = K_{PUB_subject}$$

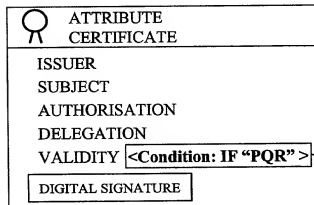


Figure 5

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Figure 6

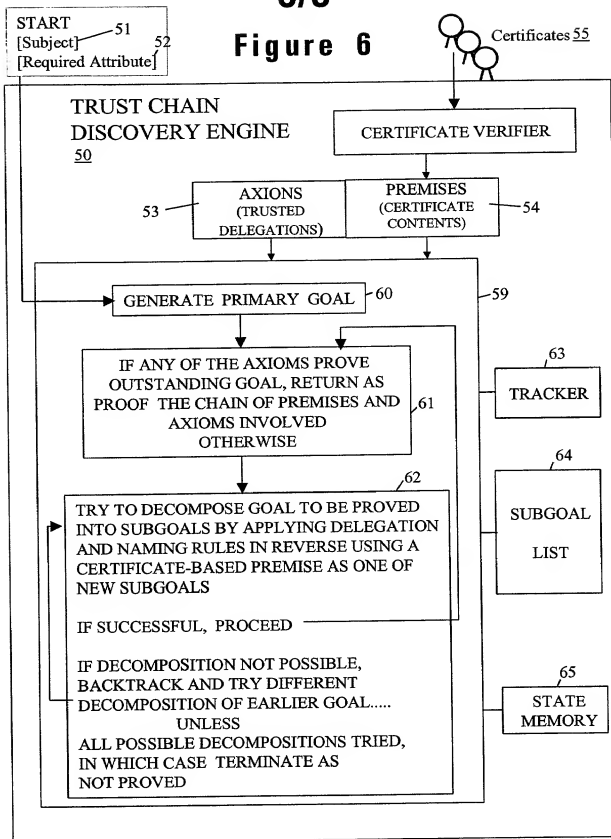
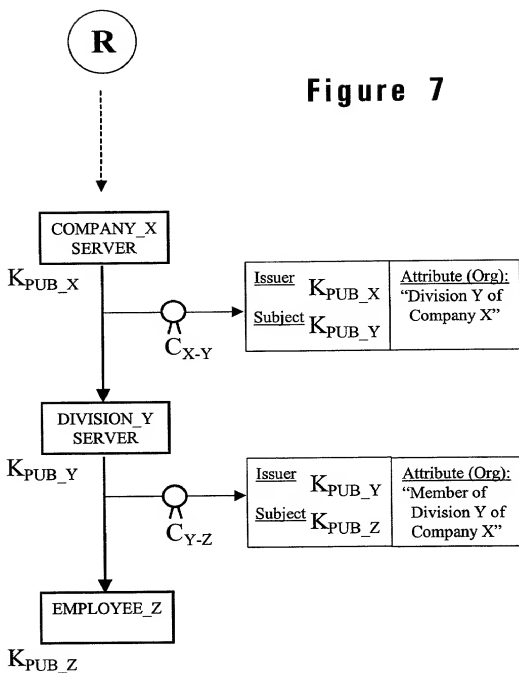


Figure 7



RESOURCE REQUIRES:	REQUESTOR IS MEMBER OF ACCREDITED ORGANISATION
PREMISES	C_{X-Y} $K_{PUB_X} \xrightarrow{\text{"Division Y of Company X"}} K_{PUB_Y}$ C_{Y-Z} $K_{PUB_Y} \xrightarrow{\text{"Member of Division Y of Company X"}} K_{PUB_Z}$
RELEVANT AXIOM	$SELF \xrightarrow{\text{Company X}} K_{PUB_X}$
PRIMARY GOAL	$\langle SELF \rightarrow K_{PUB_Z} \rangle$
FIRST DECOMPOSITION	$\langle SELF \rightarrow K_{PUB_Y} \rangle$ $\langle K_{PUB_Y} \rightarrow K_{PUB_Z} \rangle$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY C_{Y-Z}</div>
SECOND DECOMPOSITION	$\langle SELF \rightarrow K_{PUB_X} \rangle$ $\langle K_{PUB_X} \rightarrow K_{PUB_Y} \rangle$ <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY AXIOM</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JUSTIFIED BY C_{X-Y}</div>

Figure 8

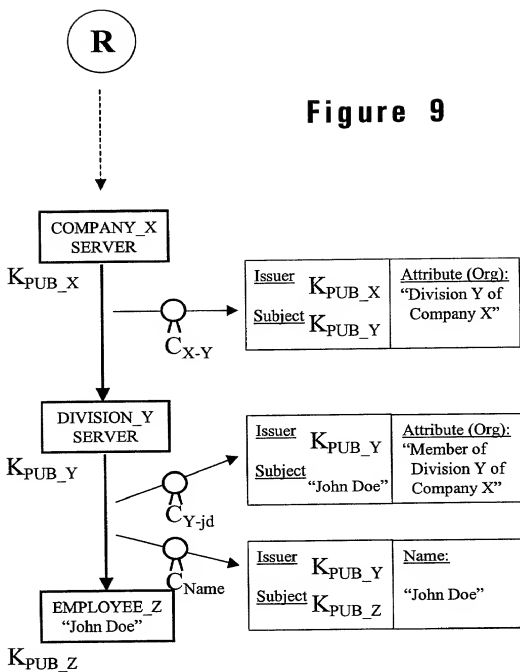


Figure 9

RESOURCE REQUIRES:	REQUESTOR IS MEMBER OF ACCREDITED ORGANISATION
PREMISES C_{X-Y} C_{Y-jd} C_{Name}	$K_{PUB_X} \xrightarrow{\text{"Division Y of Company X"}} K_{PUB_Y}$ $K_{PUB_Y} \xrightarrow{\text{"Member of Division Y of Company X"}} \text{"John Doe"}$ $K_{PUB_Y} \cdot [\text{"John Doe"}] = K_{PUB_Z}$
RELEVANT AXIOM	$SELF \xrightarrow{\text{Company X}} K_{PUB_X}$
PRIMARY GOAL	$\langle SELF \rightarrow K_{PUB_Z} \rangle$
FIRST DECOMPOSITION	$\langle SELF \rightarrow \text{"John Doe"} \rangle \times \langle \text{"John Doe"} \rightarrow K_{PUB_Z} \rangle$ <div>JUSTIFIED BY C_{Name}</div>
SECOND DECOMPOSITION	$\langle SELF \rightarrow K_{PUB_Y} \rangle \times \langle K_{PUB_Y} \rightarrow \text{"John Doe"} \rangle$ <div>JUSTIFIED BY C_{Y-jd}</div>
THIRD DECOMPOSITION	$\langle SELF \rightarrow K_{PUB_X} \rangle \times \langle K_{PUB_X} \rightarrow K_{PUB_Y} \rangle$ <div>JUSTIFIED BY AXIOM</div> <div>JUSTIFIED BY C_{X-Y}</div>

Figure 10

